

PATENT ABSTRACTS OF JAPAN

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(54) FORMULATION FOR PREPARING PRESERVING LIQUID FOR SOFT CONTACT LENS

(57)Abstract:

PURPOSE: To obtain the formulation which seals the harmful components contained in city water, more particularly, metallic change, and allows the use of the city water as a soft contact lens (SCL) preserving liquid as it is by incorporating a metal sealing agent, an isotonizing agent and a pH buffer agent into the prepn.

CONSTITUTION: The metals which are the cause for the contamination of the SCL need be sealed in order to use the city water as a liquid for dissolving the preparing agent for the SCL preserving liquid and such sealing is attained by the metal sealing agent. The representative examples of the metal sealing agent which can be used include salts of ethylenediaminetetraacetic acid, nitrilotriacetate, diethylenetriamine penta acetic acid, citrate, condensed phosphate, and trans-2, 2- cyclohexadiaminetetraacetic acid. These metal sealing agents are harmless to the SCL and eyes and are, therefore, particularly preferable. These metal sealing agents vary largely in the needed amt. with the quality of the city water and are compounded with the prepn. at the ratio at which the metal sealing effect is sufficiently exhibited. The city water treated by the prepn. for preparing the SCL preserving liquid in such a manner is adequate for prepn. of the preserving liquid of the SCL.

